THE WARFIGHTER'S PERSPECTIVE

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USS CARL VINSON BATTLE GROUP

Depart 23 Jul

North Arabian Sea 11 Sep



EN ROUTE NORTHERN ARABIAN GULF FOR OPERATION SOUTHERN WATCH | MARITIME INTERDICTION OPERATIONS VS IRAQ

SEPTEMBER 11, 2001

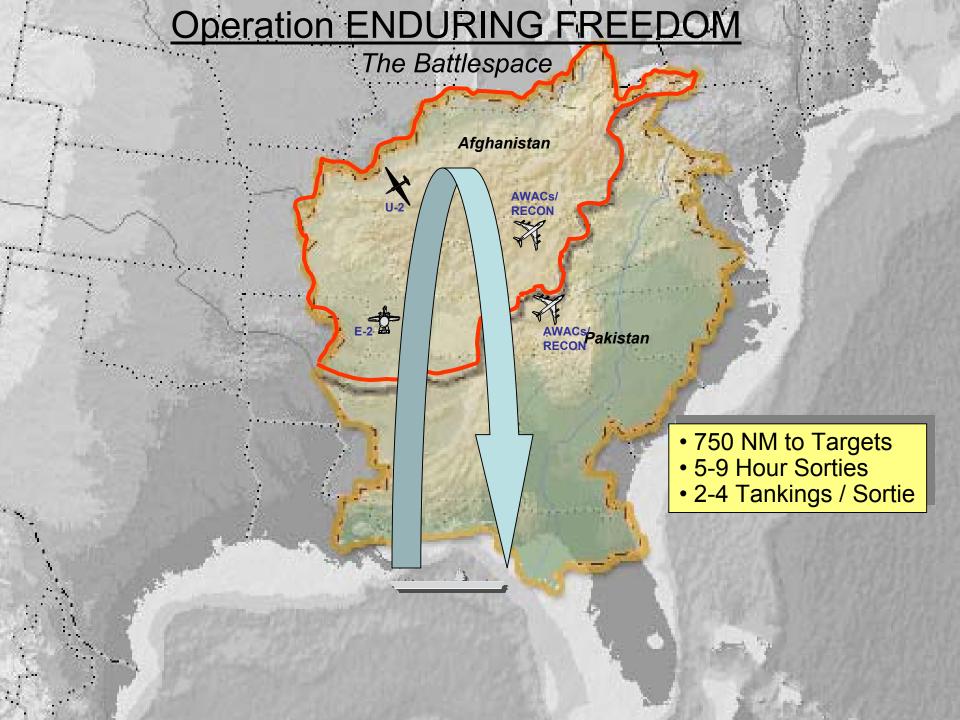


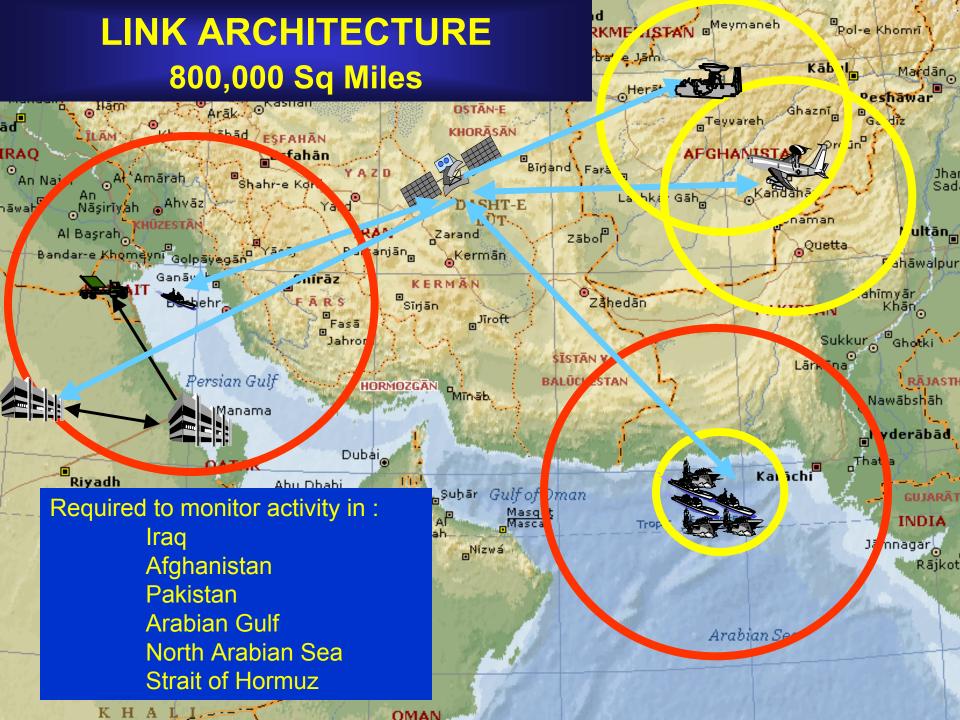
OEF DIFFERENT THAN DESERT STORM



- Extended ranges
- War against Taliban, not all of Afghanistan
- Targets intermingled with non-targets
- Few fixed targets
- Non-traditional targets







DIFFERENT TACTICS



DESERT STORM

10% LGB's, 99% Fixed targets

OEF

92% LGB's, 85% Non-fixed

After Day 12, 93% of targets not ID'd to pilot until after launch.



NON-STANDARD TARGETING





Emphasis on:

Positive ID
Precision Targeting
Blue/ White Force Deconfliction
SOF control direct to cockpit
Minimal collateral damage



AL-QAIDA CAVES IN TORA BORA





OPPOSITION GROUP FIGHTERS SEARCH
TORA BORA CAVES

LEADERSHIP INTERCEPTION OPERATIONS

WITH THE TALIBAN'S FALL IN AFGHANISTAN, THE NAVY WAS TASKED WITH ENSURING NO TALIBAN OR AL-QAIDA MEMBERS FLED BY SEA



LARGE NAVAL CONTINGENT OF COALITION PARTNERS

(100+ ships from 12 nations)



USS Enterprise

USS Nicholson

USS Obrien

USS McFaul

USS Arctic

USS Providence

USS John Paul Jones

USS Kitty Hawk

USS Curtis Wilbur

USS Gary

USNS Rappahannock

USNS Saturn

USNS Niagara Falls

USNS John Ericsson

USS Carl Vinson

USS Antietam

USS Ingraham

USS O'Kane

USS Sacramento

USS Key West

USS Olympia

USS Peleliu

USS Comstock

USS Dubuque

USS John Young

USS Russell

USS T. Roosevelt

USS Leyte Gulf

USS Peterson

USS Detroit

USS Hartford

USS Bataan

USS Shreveport

USS Whidbey Island



JDS Hamana

JDS Kirisame

JDS Kurama

JDS Towada



FS Courbet FS Var



HMS Illustrious

HMS Southampton

HMS Kent

HMS Bayleaf

HMS Triumph

HMS Trafalgar

RFA Fort Victoria



ITS Garibaldi

ITS Aviere

ITS Zeffiro

ITS Etna



HMAS Sydney HMAS Anzac

HMAS Kanimbla

HMAS Adelaide



HMCS Iroquois

HMCS Charlottetown

HMCS Halifax

HMCS Preserver

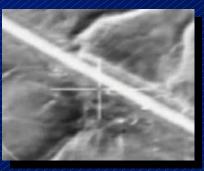
TARGETS AND TACTICS







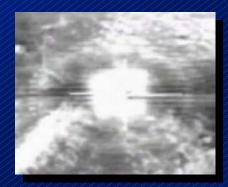
LOW TECH



MOVING TRUCK



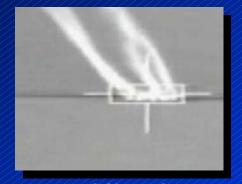
LOCKED-ON



AMMO STORAGE



UNDER BRIDGE



F-14/ B-52 STRIKE (No Video)

CAPABILITIES THAT WOULD HAVE HELPED

- Organic, persistent ISR
- Open network architecture to easily integrate new technologies with legacy systems
- Precise real-time targeting info to cockpit
- Ability to declutter battlefield. Blue/ White Force tracking.
- Automated conversion of vast volume of data into actionable knowledge.
- Automated inputs into Knowledge Web
- Better access to space-based products
 - Communications
 - Surveillance/ Reconnaissance
 - METOC

HOW S&T CAN HELP

- Intelligent software agents to sort, filter, and distribute information
- Fully integrated common operational picture linked with supporting intelligence database
- Target identification and tracking to prosecute evolving threats
- Real-time access to persistent, relevant tactical intelligence
- Reduction in time from target ID to engagement
- Rapidly transition promising technology to operators

